

20010420.qrp v02\_n165.qrl.20010420

Date: Fri, 20 Apr 2001 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2165

QRP-L Digest 2165

Topics covered in this issue include:

- 1) [96716] FDIM 2001  
by "Kenneth Evans" <w4du@mediaone.net>
- 2) [96717] Re: SPRAT CDs  
by "laura halliday" <marsgal42@hotmail.com>
- 3) [96718] Re: You must stop me NOW! aka: that new radio smell !!!  
by AL7JK John Raynsford <AL7JK@gci.net>
- 4) [96719] SPRAT  
by "Randall M. Payne" <payner1@tnni.net>
- 5) [96720] Re: SPRAT  
by KC1FB <kc1fb@optonline.net>
- 6) [96721] Re: You must stop me NOW! I need some intervention here!  
by "Bob Duckworth" <wb4mnf@atl.org>
- 7) [96722] FDIM 2001-Shirt Pocket Radio  
by "Kenneth Evans" <w4du@mediaone.net>
- 8) [96723] Re: SPRAT URL  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 9) [96724] Re: QRP-L digest 2164  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 10) [96725] QRPTTF Plans, N0UR  
by "Jim" <n0ur@mn.mediaone.net>
- 11) [96726] re: TenTec transverter mod to 220 MHz ???  
by Duffer <hduff@ica.net>
- 12) [96727] Re: QRPTTF Plans, N0UR  
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 13) [96728] Re: VE7SL's Tuna Tin WAS is Official!  
by "Brian Murrey" <bmurrey@amexol.net>
- 14) [96729] Re: VE7SL's Tuna Tin WAS is Official!  
by "blinn" <blinn@smgazette.com>
- 15) [96730] SPRAT  
by "Randall M. Payne" <payner1@tnni.net>
- 16) [96731] 10M DX is back & PSK contest this weekend  
by "Jim" <sunwatt@starband.net>
- 17) [96732] Re: TenTec transverter mod to 220 MHz ???  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 18) [96733] Re: TenTec transverter mod to 220 MHz ???  
by Bob Nielsen <nielsen@oz.net>
- 19) [96734] Questions regarding RV3GM Micro-80 XCVR

- by Richard Clem <clem.law@usa.net>
- 20) [96735] 10 Turn Pot For SW40+  
by "Ken Kirkley" <ogbc@mindspring.com>
- 21) [96736] Sunspot 9393 + Lyrids + Space Weather Surprises  
by RangerSF5@aol.com
- 22) [96737] Re: refusing "made in China"  
by N0tk@aol.com
- 23) [96738] HK0VGJ on 14.022 @ 0349Z  
by david gauding <nf0r@slacc.com>
- 24) [96739] Re: qrp ssb  
by "Gary O. Lyons" <drgary@urx.com>
- 25) [96740] Re: VE7SL's Tuna Tin WAS is Official!  
by "Steve/n0tu" <n0tu@webaccess.net>
- 26) [96741] FS mfj tuner, MS15 kit.  
by "Rod Cercone" <n0rc@hotmail.com>
- 27) [96742] Re: QRPTTF Plans, N0UR  
by Garie Halstead <k8kfj@ntelos.net>
- 28) [96743] [MH101] Crystal Matching  
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 29) [96744] Re: [MH101] Crystal Matching  
by "Leon Heller" <leon\_heller@hotmail.com>
- 30) [96745] Re: KITS - NC-20 keyer help needed  
by "Dave Fifield" <ad6a@earthlink.net>
- 31) [96746] Tuna Tin II-update  
by Rick Conners WA7ND <wa7nd@arrl.net>
- 32) [96747] Re: QRPTTF Plans, N0UR  
by "Chuck Carpenter" <w5usj@globeco.net>
- 33) [96748] Re: You must stop me NOW! I need some intervention here!  
by John Payne <paynej1@tnni.net>
- 34) [96749] RE: VE7SL's Tuna Tin WAS is Official!  
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 35) [96750] Re: qrp ssb  
by "Phil (VA3UX)" <phil@vaxxine.com>
- 36) [96751] Re: [NCARC] FS mfj tuner, MS15 kit.  
by "Rod Cercone" <n0rc@hotmail.com>
- 37) [96752] FT-301S Question  
by N1EU <n1eu@yahoo.com>
- 38) [96753] Re: [MH101] Crystal Matching  
by "Don Wilhelm" <w3fpr@arrl.net>
- 39) [96754] Re: [NCARC] FS mfj tuner, MS15 kit.  
by "Rod Cercone" <n0rc@hotmail.com>
- 40) [96755] Re: FT-301S Question  
by K5BDZ@aol.com
- 41) [96756] Re: FT-301S Question  
by William R Colbert <w5xe@juno.com>
- 42) [96757] [CONTEST] QRP Contest Calendar - Apr 21-30  
by Ken Newman <N2CQ@citnet.com>
- 43) [96758] RE: VE7SL's Tuna Tin WAS is Official!

by "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
44) [96759] TTF W0UFO  
by MertNellis@aol.com  
45) [96760] LAST CALL - Homebrewer Sprint Logs  
by Ken Newman <N2CQ@citnet.com>  
46) [96761] Re: VE7SL's Tuna Tin WAS is Official!  
by "Brian Murrey" <bmurrey@amexol.net>  
47) [96762] MI QRP Net  
by ed.kwik@delphiauto.com  
48) [96763] MRX-40 Receiver  
by SJWHITTON@aol.com  
49) [96764] Portable Operation From Nevada  
by NM5Mike@aol.com  
50) [96765] RE: VE7SL's Tuna Tin WAS is Official!  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
51) [96766] Re: Fun with Ferrites (longish)  
by "Bruce Kizerian" <kizerian@ced.utah.edu>  
52) [96767] MRX40 Reciver Received  
by SJWHITTON@aol.com  
53) [96768] TT2 Nite!  
by Kenneth Hoglund <hoglund@wfu.edu>  
54) [96769] TT2 Night  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
55) [96770] No Tranmit from SMK-1?  
by "Delbert Long" <ad6we@hotmail.com>  
56) [96771] Re: Fun with Ferrites (longish)  
by "Chris Trask" <ctrask@qwest.net>  
57) [96772] (no subject)  
by RangerSF5@aol.com  
58) [96773] FS RedHot 20--unbuilt  
by flyer@value.net  
59) [96774] Re: TT2 Night  
by "Brian Murrey" <bmurrey@amexol.net>  
60) [96775] Re: HELP for IC KA 2141  
by "TRI" <vu2tri@yahoo.com>  
61) [96776] Re: TT2 Night  
by Bruce Muscolino <w6toy@erols.com>  
62) [96777] Re: TT2 Night  
by Bruce Muscolino <w6toy@erols.com>  
63) [96778] Re: long wire antennas  
by "Arthur G. Silvers" <ags@ieee.org>  
64) [96779] Re: TT2 Night  
by Rick Robinson <rerobins@email.uncc.edu>  
65) [96780] K0EVZ TTF  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
66) [96781] RE: QQ & Ponies  
by William R Colbert <w5xe@juno.com>  
67) [96782] RE: TT2 Night

- by "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
68) [96783] MRX-40 Receiver for 30 Meters..  
by "Phinizy, William" <wphinizy@filenet.com>  
69) [96784] Re: long wire antennas  
by "Gary Lee Phillips" <ka9nzi@arrl.net>  
70) [96785] Re: TT2 Night  
by "Francis Callahan" <colcal@srv.net>  
71) [96786] Re: TT2 Night  
by "Bob Hightower" <nk7m@extremezone.com>  
72) [96787] Toroid Question  
by "w8diz" <w8diz@fpqrp.com>  
73) [96788] Re: Toroid Question  
by "TC Dufresne" <tdufres@radiks.net>

-----  
Date: Thu, 19 Apr 2001 23:02:14 +0100  
From: "Kenneth Evans" <w4du@mediaone.net>  
To: "QGRP" <QGRP@yahooogroups.com>, "QRPFORUM" <qrp-parci@qth.net>, "QRP-1 Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96716] FDIM 2001  
Message-ID: <003201c0c91c\$6aa465c0\$6501a8c0@atl.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FDIM 2001 is just about 1 month away. Things are really heating up. We have a great slate of 7 top-notch speakers lined up. Check them out at <http://www.qrp-parci.org/fdim64.html#fdim>. Some have spoken at prior FDIM's, others are speaking for the first time. Peter Zenker, DL2FI, is a long time attendee and first time speaker. The title of his presentation, "QRP in DL Land" doesn't do it justice. You'll not want to miss it. He will be speaking about some of the current activities of the DL-QRP-AG (that means DL (German) QRP Activity Group). The talk will include a multimode 2 meter rig, youth involvement and touch on a number of other areas.

You'll want to bring you latest projects for the building contests. We have two wide- open categories - homebrew and kits. In addition to these traditional contests, we have a special youth involvement challenge. Details for this are found at [http://www.qrp-parci.org/fdim64.html#\\_Youth\\_Involvement\\_Challenge](http://www.qrp-parci.org/fdim64.html#_Youth_Involvement_Challenge): All contest entries will judged on Friday nite with the winners announced and presented with their prize at the Saturday nite awards banquet. Please note, if you want to enter and cannot come to Dayton; please have someone else bring your project. Also, winners (or their representative) will be QRP ARCI's guests at the banquet. All who enter a contest will have their entry on display

Saturday after the banquet.

Full details for all of the FDIM 2001 activities are found at  
<http://www.qrparci.org/fdim64.html>

See you at FDIM 2001!

72/3,  
Ken W4DU  
QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life

-----  
Date: Thu, 19 Apr 2001 23:19:27  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [96717] Re: SPRAT CDs  
Message-ID: <F177RNhFCfywEsGmjm0000001526@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Henry Freedenberg (henryf@quartz.gly.fsu.edu) wrote:

>Well, one big problem with this is that my entire German vocabulary comes  
>from watching old episodes of Hogan's Heros.

???

The Funk Amateur web page <<http://www.funkamateurl.de>> has  
a big logo on it that says SPRAT. Click on it and you get  
an order form. In English. I just ordered my CD.

Ours is, by nature, an international hobby. It would be  
nice if this was more than just talk.

Laura Halliday VE7LDH        "Que les nuages soient notre  
Grid: CN89mg                        pied a terre..."  
ICBM: 49 15.042 N 122 59.053 W        - Hospital/Shafte

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Thu, 19 Apr 2001 15:36:44 -0800  
From: AL7JK John Raynsford <AL7JK@gci.net>

To: qrp Discussion <qrp-1@Lehigh.EDU>  
Subject: [96718] Re: You must stop me NOW! aka: that new radio smell !!!  
Message-ID: <3ADF768B.7763F086@gci.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

nilsbull@juno.com wrote:

> Fellow loonies!

snip .. snip ...

>

> Please! You gotta help me!

the pre-approved credit cards bail me out of this situation! I love  
the ones that come in the junk mail !!  
life savers ...

> The voices won't stop!

brother you got it bad .... melt solder ... melt solder ... melt solder

> They keep saying "Hamvention's coming . . . you  
> need another radio . . . you could get a single-band SSB radio and that  
> would . . . or one of those little radios in an Altoids box . . . don't  
> worry about the badgers . . . Everything will work out just fiiiiiine .  
> . . Cindy won't notice . . . Go on! Admit it! You're worthless and  
> weeeeeaaaak without another radio . . . Go on . . . Give in . . . It'll  
> make you feel better . . .

Oh- yeah now yer talkin .... That new radio smell !!

> Ayeeeeeeeeee!

>

> 73

>

> Nils

> -----

Good luck Nils ....

AL7JK, John  
Eagle River, Alaska

-----  
Date: Thu, 19 Apr 2001 19:26:54 -0400  
From: "Randall M. Payne" <payner1@tnni.net>  
To: qrp-l@lehigh.edu  
Subject: [96719] SPRAT  
Message-ID: <3.0.6.32.20010419192654.007a3840@hubbel.terranovus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Laura said, "The Funk Amateur web page <<http://www.funkamateur.de>> has a big logo on it that says SPRAT. Click on it and you get an order form. In English. I just ordered my CD."  
That link takes me to a blank page (nothing there except a white screen) both in Netscape and IE. Anybody got a way to help me?  
Randy K4EZM

-----  
Date: Thu, 19 Apr 2001 19:55:22 -0400  
From: KC1FB <kc1fb@optonline.net>  
To: payner1@tnni.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [96720] Re: SPRAT  
Message-ID: <00cd01c0c92c\$32744ac0\$1100a8c0@TP760E>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

The free browser Opera works just fine on it.

Jim Francoeur KC1FB QRP-L #29  
Member of The New England Hunt Club  
Norwalk, CT

----- Original Message -----

From: "Randall M. Payne" <payner1@tnni.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, April 19, 2001 7:26 PM  
Subject: SPRAT

Laura said, "The Funk Amateur web page <<http://www.funkamateur.de>> has

a big logo on it that says SPRAT. Click on it and you get an order form. In English. I just ordered my CD."  
That link takes me to a blank page (nothing there except a white screen) both in Netscape and IE. Anybody got a way to help me?  
Randy K4EZM

-----  
Date: Thu, 19 Apr 2001 20:00:18 -0400  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: <nilsbull@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96721] Re: You must stop me NOW! I need some intervention here!  
Message-ID: <200104192357.TAA13193@hat-trick>

Go for the FREE FIX.

Drive around on trash day.

Old computer monitors, TV's PeeCees, even the occasional BCB radio (usually with a clock) and once in a great while, the 1930's table top all find their way to the curb!

Think FREE PARTS!!!!

Drives have nifty small bearings and hardware. Sometimes magnets that will hold together through 3" of forearm! Old printers have stepper motors and drivers.

Mechanical parts. Heck, you can get most of a CNC milling machine out of a half dozen of them. PeeCee power supplies have plenty of good parts or use as is.

Open up the bandwidth on the PWM regulator and you've got a free 100W modulator!

Monitors have 5W transistors that work at RF driving the color guns. Old TV has a choke good for detector to audio stage in a regen receiver.

Only drawback is you have to explain all the edebris under tarps in the back yard after it overflows the garage...

-bob



-----  
Date: Fri, 20 Apr 2001 00:07:31 +0100  
From: "Kenneth Evans" <w4du@mediaone.net>  
To: "GQRP" <GQRP@yahooogroups.com>, "QRPFORUM" <qrp-parci@qth.net>, "QRP-1 Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96722] FDIM 2001-Shirt Pocket Radio  
Message-ID: <004801c0c925\$89012360\$6501a8c0@atl.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

#### FDIM 2001 - Shirt Pocket Challenge

This may not get us in the Guinness Book, but it will be a start. Many of you have built a kit and/or homebrewed many small radios. The Pixie, the 49er and the SMK-1 are just a few examples. After the QRP ARCI awards banquet on Saturday night, we want to try and assemble the world's largest collection of shirt pocket radios. They can be kit, home brew, or modified kit. Please no commercial entries. The only rule is that it has to fit in your shirt pocket. Radio means a functional transceiver - keys, headphones, microphones, batteries and antennas are not included, but they can be! Please insure your call is on your entry, as we will want a picture of all of them in one spot.

Prizes will be awarded for a number of categories. This is separate from the building contests and youth challenge, so you need not bring the shirt pocket radio with you until Saturday night.

See you at Dayton!

72/3,  
Ken W4DU  
QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life

-----  
Date: Thu, 19 Apr 2001 16:43:21 -0800  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: payner1@tnni.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [96723] Re: SPRAT URL  
Message-ID: <3ADF8629.4A962D58@pobox.alaska.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

You should be able to go straight to:

<http://www.funkamateur.de/spratcd/spratord.htm>

I got there via the SPRAT logo (top center) on the home page just fine.

It's in English with US Dollars defined. And they take credit cards.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
<http://www.qsl.net/al7fs/>

"Randall M. Payne" wrote:

>  
> Laura said, "The Funk Amateur web page <<http://www.funkamateur.de>> has  
> a big logo on it that says SPRAT. Click on it and you get  
> an order form. In English. I just ordered my CD."  
> That link takes me to a blank page (nothing there except a white screen)  
> both in Netscape and IE. Anybody got a way to help me?  
> Randy K4EZM

-----

Date: Fri, 20 Apr 2001 11:03:51 +1000  
From: "Ian C. Purdie VK2TIP" <[ianpurdie@integritynet.com.au](mailto:ianpurdie@integritynet.com.au)>  
To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [96724] Re: QRP-L digest 2164  
Message-ID: <[3ADF8AF7.C94B535@integritynet.com.au](mailto:3ADF8AF7.C94B535@integritynet.com.au)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: quoted-printable

>Yeah, but it also has a miniscule 20 million population. We have more  
>people than that in a single Wal-Mart on a Saturday afternoon,  
sometimes. ;-)

>- Rich

Yeah but we do more with less. Heh Heh now that's real QRP orientated

72/73's

Ian Purdie

"I believe Australia is the best address on earth"

Budgewoi N.S.W. Australia - Co-ords S33=B014', E151=B034'

My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>

VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

URL - <http://www.electronics-tutorials.com/>

-----  
Date: Thu, 19 Apr 2001 20:56:09 -0500

From: "Jim" <n0ur@mn.mediaone.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [96725] QRPTTF Plans, N0UR

Message-ID: <000801c0c93d\$12224e00\$b51d1f18@mn.mediaone.net>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

With QRPTTF coming up this weekend, I thought I would post my plans, and encourage others to let us know what they are planning.

I am planning on going down to Buffalo Ridge, a 200 foot ridge overlooking the plains of SW corner of MN and SD. This was first a important area for the Plains Indians, considered to be a sacred area, and near the home of the Pipestone Nat'l Monument. Many stories of spirits come from this area. This area has also been the home of many UFO sightings, crop circles and lately two cases of cattle mutilations. I have been warned against trespassing, many farmers are on the alert for any strangers in the area.

"Go

at your own risk." Buffalo Ridge is also home to one of the largest wind farms in the USA. There are over 75 wind turbines, on towers over 250 feet high,  
my monoliths.

I have no idea where I will be setting up yet. I have never been in the area. Just not near any cattle. I plan on going to Lake Benton first, and get information on where a good site may be. I think I will leave my ET mask I was planning on bringing at home. With the promise of good winds, I am  
thinking of trying a kite supported antenna, but that may attract too much attention.

Hope the weather and condx are good. I am one of the bonus stations, so

please keep a ear out  
for me.

72 es GL

Jim.....I mean ET    N0UR

-----  
Date: Thu, 19 Apr 2001 22:07:45 -0400  
From: Duffer <hduff@ica.net>  
To: qrp-1@lehigh.edu  
Subject: [96726] re: TenTec transverter mod to 220 MHz ???  
Message-ID: <3ADF99F1.702D07B0@ica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I though I saw a post the other night that mentioned an article on  
converting the TenTec 10 meter to 2 meter transverter to 220 MHz. (I  
mistakenly deleted the digest containing that post.)  
Anyone have details on this ?

Regards, de Hugh    VA3T0

-----  
Date: Thu, 19 Apr 2001 22:06:50 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: "Jim" <n0ur@mn.mediaone.net>, qrp-1@Lehigh.EDU  
Subject: [96727] Re: QRPTTF Plans, N0UR  
Message-ID: <20010420020546.PLUC23469.invictus@n8et>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Is QRPTTF this weekend or next weekend?? I have it marked on my  
calendar as next weekend....

73 - Bill - N8ET  
Kanga US  
kanga@mail.bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604



> QRP: Little radios, big fun!  
>  
>  
>

-----  
Date: Thu, 19 Apr 2001 19:18:30 -0700  
From: "blinn" <blinn@smgazette.com>  
To: <bmurrey@amexol.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96729] Re: VE7SL's Tuna Tin WAS is Official!  
Message-ID: <005a01c0c940\$32243ee0\$78b8e5d8@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Kinda makes you feel a part of this success story. I was Steve's Idaho  
contact and I was using a TT-2 also.

Bill - WA7TQK

-----Original Message-----  
From: Brian Murrey <bmurrey@amexol.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Thursday, April 19, 2001 8:06 PM  
Subject: Re: VE7SL's Tuna Tin WAS is Official!

>Way cool!!  
>  
>I was Steve's Indiana contact in the wee hours of the morning. He's a great  
>op and the TT2 is a great rig!

>  
>72  
>  
>----- Original Message -----  
>From: "David Bixler" <dbixler@co.seneca.k12.mo.us>  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Sent: Thursday, April 19, 2001 3:32 PM  
>Subject: VE7SL's Tuna Tin WAS is Official!

>  
>  
>> Hello Gang:  
>>  
>> Let's give a big round of applause to Steve VE7SL for the first WAS  
>> in history using a Tuna Tin 2 transmitter!



From: "Jim" <sunwatt@starband.net>  
To: "PSK31-L" <psk31@egroups.com>, "QRP-L" <qrp-L@Lehigh.edu>, "DigitalRadio" <digitalradio@yahooogroups.com>  
Subject: [96731] 10M DX is back & PSK contest this weekend  
Message-ID: <006b01c0c944\$2cb396a0\$9a354794@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Its been discouraging to turn on the radio lately. Dead bands. But today while practicing my PSK31 I caught some decent openings, and a little DX for a change.

On 28.120mHz was S570JS at 14:32Z, VK3?? at ?? (forgot to log it!), and LW9DJA at 22:39z.

I got the S57, and VK3 with 1.5w psk, and had to boost it to 5w for the LW9 stn.

Look for the Arkansas QRP Club station, NQ5RP in the TARA PSK31 Rumble starting friday evening in the USA, 00:00UTC saturday. It runs until 24:00z saturday.

Here's the webpage for info

<http://www.qsl.net/wm2u/psk31.html>

The AR QRP took 1st place in the TARA Fall Classic in 2000, so we need to work even harder to keep the top position.

I know allot of CW, and QRP ops have flocked to psk because its such a great mode for low power, and narrow bandwidth. Be sure to look for NQ5RP on your screen!

We will be cranking out 5 watts for the contest, and working hard to win.

72/3's de Jim KJ5TF  
NQ5RP Trustee

-----  
Date: Thu, 19 Apr 2001 20:49:54 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: <hduff@ica.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96732] Re: TenTec transverter mod to 220 MHz ???  
Message-ID: <0E438C7wyfwjHNuQuN6000007e9@hotmail.com>



MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It is a feature/cover article in the May 2001 QST.

73, Rod N0RC  
Ft Collins CO

----- Original Message -----

From: "Duffer" <hduff@ica.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, April 19, 2001 08:07 PM  
Subject: re: TenTec transverter mod to 220 MHz ???

> I though I saw a post the other night that mentioned an article on  
> converting the TenTec 10 meter to 2 meter transverter to 220 MHz.  
(I  
> mistakenly deleted the digest containing that post.)  
> Anyone have details on this ?  
>  
> Regards, de Hugh VA3T0  
>  
>

-----  
Date: Thu, 19 Apr 2001 19:56:50 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Duffer <hduff@ica.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [96733] Re: TenTec transverter mod to 220 MHz ???  
Message-ID: <20010419195649.A981@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Thu, Apr 19, 2001 at 10:07:45PM -0400, Duffer wrote:

> I though I saw a post the other night that mentioned an article on  
> converting the TenTec 10 meter to 2 meter transverter to 220 MHz. (I  
> mistakenly deleted the digest containing that post.)  
> Anyone have details on this ?

The article is in the May QST (which I received today).

72, Bob N7XY

-----  
Date: 19 Apr 2001 22:03:19 CDT  
From: Richard Clem <clem.law@usa.net>  
To: <qrp-1@lehigh.edu>  
Subject: [96734] Questions regarding RV3GM Micro-80 XCVR  
Message-ID: <20010420030319.28876.qmail@www0a.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

As I posted a while back, I recently bought one of the Micro-80 QRP kits =  
from  
RV3GM (for 20 meters). For those who aren't familiar with it, here's a U=  
RL  
with the schematic:

<http://www.qsl.net/g3pto/micro80.html>

(I notice that some of the component values in mine are different, but it=  
seems to be the same circuit).

First of all, I do have the transmitter running, and would like someone w=  
ith  
good ears to see if they can actually hear me. If anyone might be availa=  
ble,  
I'll just put out a CQ tomorrow (Friday) at 1:00 PM Eastern time, and if  
anyone hears me, please let me know! My crystal frequency is 14.318, up =  
in  
the phone portion of the band.

For the time being, I'll just listen with my general coverage receiver wi=  
th a  
whip antenna, so feel free to call me back using QRO if you hear me.

Now, for the reason the receiver isn't working:

As you can see from the schematic, this circuit calls for hi-z phones. N=  
ot  
having a pair, I just ran an audio matching transformer from Radio Shack =  
where  
the phones were supposed to be, and hooked the output to a pair of low-z=

stereo phones. I was getting a lot of sound out of the phones until,  
unfortunately, I blew out the final audio stage. I replaced the provided=

Russian transistor with a 2N2222, and it worked even better until the aud=

io  
abruptly stopped. Both the transformer and the transistor were getting  
noticeably warm, and I did note that the transistor has 12 volts across it=  
,  
since the transformer presumably has a resistance close to zero.

Before I replace that transistor again (hey, I do have 14 more of them),  
should I do something to prevent this from happening again?

Thanks in advance for the flood of advice I'm sure I'm going to get! Hop=  
e to  
see you on 14.318 (until I track down a more appropriate crystal, that is=  
).

73,  
Rick W0IS

-----  
Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

-----  
Date: Thu, 19 Apr 2001 23:18:18 -0400  
From: "Ken Kirkley" <ogbc@mindspring.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [96735] 10 Turn Pot For SW40+  
Message-ID: <004901c0c948\$8cdb8980\$8ebff7a5@default>

Would like a recommendation for a ten turn pot for the SW40+. After changing  
its tuning range to 50khz I find the tuning a little sensitive. Am  
considering the change to a 10 turn.

I think I found what I need at Dan's Small Parts for about \$11.00, but am  
not for sure.

72 & God Bless,  
Ken/N04D

-----  
Date: Thu, 19 Apr 2001 23:23:39 EDT  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [96736] Sunspot 9393 + Lyrids + Space Weather Surprises  
Message-ID: <8.135a4dc2.281105bb@aol.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Subj: Sunspot 9393 + Lyrids + Space Weather Surprises  
Date: 4/19/01 8:16:30 PM Eastern Daylight Time  
From: wxmail@listbot.com (Mid-Atlantic Weather Station (General List))  
Reply-to: wxmail@listbot.com (Mid-Atlantic Weather Station (General List))  
To: wxmail@listbot.com (Mid-Atlantic Weather Station (General List))

Mid-Atlantic Weather Station (General List) -  
<http://members.home.net/herbwx/index.html>

----- ListBot Sponsor -----  
Start Your Own FREE Email List at <http://www.listbot.com/links/joinlb>  
-----

Giant sunspot 9393 -- the source of the biggest solar flare ever recorded and several geomagnetic storms earlier this month-- disappeared two weeks ago when it rotated around the Sun's western limb. Now, after two weeks crossing the back side of our star, 9393 is back. At its peak on March 28th the active region covered an area equal to fourteen planet Earths. How big is it now? Scientists will find out as it rotates into direct view during the days ahead.

Image of sunspot 9393:  
<http://www.spaceweather.com/images2001/19apr01/9393.gif>  
Animation:  
[http://www.spaceweather.com/images2001/03apr01/9393\\_strip\\_med.gif](http://www.spaceweather.com/images2001/03apr01/9393_strip_med.gif)  
-----

### "Lyrids to Light the Weekend Sky"

The Lyrids are one of the oldest meteor showers with activity recorded at far back as 2500 years ago. This meteor shower is produced by debris from comet Thatcher that was last seen in 1861. With a period in excess of 400 years this comet will not return to the inner solar system for quite some time! Strangely, the Lyrid activity is not solely dependent on the return of the parent comet. There have been outbursts in activity when the comet was located far in the outer realms of the solar system.

Major outbursts have been recorded in 1803, 1922, and 1982. Many minor outbursts have also been recorded sporadically throughout the years. In 2001 the Lyrids will be most active on the Sunday morning April 22. What may we expect to see this year? With the moon near new there will be no lunar interference this year. Under these conditions and watching from a rural site with little terrestrial light pollution one may expect to see 10-15 Lyrid meteors per hour during the early morning hours on April 22.

Lyrid activity can also be seen late Saturday evening and also on Saturday and Monday mornings but at a reduced rate. The best time to see Lyrid activity would be the last dark hour before dawn Sunday morning when the Lyrid radiant lies overhead for those viewing from mid northern latitudes. The Lyrids are also visible from locations down to 30 degrees south latitude where the radiant barely rises over the northern horizon. As one travels southward less Lyrid activity is visible as the Lyrid radiant sinks toward the northern horizon. Probably only 1 Lyrid meteor per hour is visible at maximum activity as seen from 30 degrees south latitude.

-----  
"Solar Forecasters on Full Alert"

The Sun has a mean side. Space weather churned out by old Sol can be wicked and worrisome, not only here on Earth but also for civilian and military satellite operators.

Currently in the midst of an active solar storm period, Earth has recently been on the receiving end of energetic particles heaved out by the Sun. These powerful punches can whip up aurorae, increase radiation levels and stir up geomagnetic storms that disrupt telecommunications here on Earth.

Full article:

[http://dailynews.yahoo.com/h/space/20010418/sc/solar\\_forecasters\\_on\\_full\\_alert\\_1.html](http://dailynews.yahoo.com/h/space/20010418/sc/solar_forecasters_on_full_alert_1.html)

//end//

-----  
Date: Thu, 19 Apr 2001 23:36:14 EDT  
From: N0tk@aol.com  
To: adamvaz@palm.net, qrp-1@lehigh.edu  
Subject: [96737] Re: refusing "made in China"  
Message-ID: <f2.978a91b.281108ae@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I thought about what would happen if the incident wasn't resolved quickly. It occurred to me also that a boycott of Chinese goods might be in order. Tonight as I was soldering J3 on the rf board of my K1, I noticed that the part had a sticker with China written on it. Glad I didn't go through with the boycott idea.

72

Dan N0TK  
Highlands Ranch, CO

-----  
Date: Thu, 19 Apr 2001 22:47:14 -0500  
From: david gauding <nf0r@slacc.com>  
To: qrp-1@lehigh.edu  
Subject: [96738] HK0VGJ on 14.022 @ 0349Z  
Message-ID: <5.0.0.25.0.20010419224339.00a51da0@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

HK0VGJ on 14.022 @ 0349Z

Abel on San Andreas Island.

539 into Midwest - very fast CW - not real busy, mostly Europeans.

Used St. Louis Quickie and 2W with Corsair I.

Good luck!

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Thu, 19 Apr 2001 21:13:23 -0700  
From: "Gary O. Lyons" <drgary@urx.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [96739] Re: qrp ssb  
Message-ID: <000101c0c950\$3ed09e80\$64d56bce@G\_Lyons>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="utf-8"  
Content-Transfer-Encoding: 7bit

Fran,

I used to think CW would be the most effective mode also be it rag chewing, contesting, or DXing. Then I had a chance to got thru my logs as I was entering them into a database. Over the last 10 years my country count is at 177 - and 105 of them on SSB. For some reason my contesting scores are higher on SSB. I do not own a tower, a four square, or even a trap vertical/dipole. During that 10 year period we've lived in CC&R circumstances. The best antenna system during that time period was a pair of phased SLVs hidden in trees. I'm currently using an inverted L only 16' high under the eaves with only two radials. The 2001 WPX SSB contest netted

me a total of 37 countries in 6 continents in 8 eight hours of operation.

Don't count out QRP SSB ... my experience in 35+ years of low power operating is that it works in spite of conventional wisdom.

Give it a try from time to time ... you'll be surprised at what can be done.

72/73,  
Gary K7KY

-----  
Date: Thu, 19 Apr 2001 22:21:30 -0600  
From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Cc: "VE7SL" <jsm@gulfislands.com>  
Subject: [96740] Re: VE7SL's Tuna Tin WAS is Official!  
Message-ID: <009301c0c951\$60d3c880\$6a211d82@sg2939h.col.hp.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>Kinda makes you feel a part of this success story. I was Steve's Idaho  
>contact and I was using a TT-2 also.  
>  
>Bill - WA7TQK

Yeah, me too I was listening in when Steve worked his last state!  
Sent chills thru me! And Steve's TT2 WAS adventure inspired me to do a lot  
more milliwatting. Congrates Steve! You've made us all proud OB!

Steve/n0tu

-----  
Date: Thu, 19 Apr 2001 22:49:03 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Flying Pigs" <fpqrp-l@mpna.com>, "ncarc-l" <ncarc@qth.net>  
Subject: [96741] FS mfj tuner, MS15 kit.  
Message-ID: <0E381WySvX5w0Yg83a100000a59@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

MS-15 \$57 shipped CONUS (what I paid for it)

I really wanted to build this kit, then Steve came out with the MS-30 (witch I jumped one) then the power meter. XYL sez "you can't have everything!", she's right you know. ;-)

MFJ-949E Tuner \$115 shipped CONUS

3 years old and in excellent (like new) condition, supplied with OEM packaging and manual.

73, Rod N0RC  
Ft Collins CO

-----  
Date: Fri, 20 Apr 2001 04:54:22 +0000  
From: Garie Halstead <k8kfj@ntelos.net>  
To: kanga@bright.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [96742] Re: QRPTTF Plans, N0UR  
Message-ID: <3ADF7AAE.9FC75BF1@ntelos.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Thursday, 19 April 2001, Bill Kelsey N8ET wrote:

> Is QRPTTF this weekend or next weekend?? I have it marked on my  
> calendar as next weekend....

Same here Bill, I have it marked as the 28th.

72 //Gary \*K8KFJ\*

-----  
Date: Fri, 20 Apr 2001 06:11:42 +0100  
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: qrp-l@Lehigh.EDU  
Subject: [96743] [MH101] Crystal Matching  
Message-ID: <5.0.2.1.0.20010420054648.00a05ec0@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"



Gang,

I am working on this experiment a section at a time, but some of you that are experts at this can double check my work and there is the possibility that it needs some refinement.

But using a digital VFO from S&S and driving a crystal in series into a 50 ohm load to determine its series resonant frequency within 1 HZ is the main way in which I match crystals.

I was searching for a much easier way for anyone with a good frequency counter to accomplish the same thing without spending at least \$60 or more dollars to get a digital VFO and some additional stuff like a 50 uA meter, ....

Well, I think I found a way, but I need a double check. I have found that this simple way gets within 1 Hz for matching crystals compared to the other method. The frequencies are off by 130 Hz comparing the two different techniques, but the relative frequencies between crystals is within 1 Hz and that should do nicely for what we want.

Here is all that you need. A 74LS04 or similar hex inverter IC. You only need two gates of 6 out of the chip. Here is the parts list ----

74LS04 hex inverter 14 pin DIP  
2 220 ohm 1/4 W resistors  
1 560 ohm 1/4 W resistor  
1 1.8K ohm 1/4 W resistor

Here is the connection scheme...

560 ohm between pins 1 and 2  
220 ohm between pins 2 and 3  
1.8K between pins 3 and 4  
220 ohm from pin 1 to one pin of the crystal under test and  
other pin of crystal to pin 4 of the IC

+5V to pin 14  
GND to pin 7

I used the Radio Shack (Archer) Experimenter Socket (a.k.a. solderless breadboard) to wire this puppy up. Of course, you'll need a 5V supply, either some little P/S used in digital stuff or computer stuff or use a 12V supply with 78L05 regulator.

Take the output from pin 4 to the frequency counter and ground from pin 7.

All you need is a frequency counter that is good to 1 Hz and does not drift. What I do in a situation like this is go through a set of crystals and keep them in order and marked. At the end redo the first crystal and see if I get the same result. This checks and double checks to make sure that the frequency counter has not drifted and/or other factors haven't sneaked into the experiment.

I did not make up this circuit myself. It came from Page 179 of Graf's "Encyclopedia of Electronic Circuits" Volume 1 published by McGraw-Hill Inc. and TAB books 1985 ISBN-0-8306-0938-5 for the hardback and ISBN-0-8306-1938-0 for the paperback. Any good library should have this and I'm all the time using something neat from this and the other volumes.....

FYI and let the group know what you find out..... remember mileage may vary and that is what we need as a benchmark for this experiment. Do good science here, please. K8IQY will be the other benchmark of choice for me as he is the leader in matching crystals, though he did say I did a good job on a set I sent him on another project..... Those that are matching crystals can quickly set this up to check for me. I assume that the 7404 is very easy to find and surely R/S has them for less than \$2 off the shelf.

What the circuit does is bias the gates into the linear region and we create an oscillator that has its resonant frequency determined by the series resonant mode of the crystal.

dit dit es cu

Chuck Adams, K7QO CP-60  
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo> <http://moon.pr.erau.edu/~adamsc>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15  
SWL-30 at 0.500W and vee-beam

States Needed AK

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7 PJ ZL2

-----

Date: Fri, 20 Apr 2001 07:26:22  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: k7qo@earthlink.net, qrp-1@Lehigh.EDU  
Subject: [96744] Re: [MH101] Crystal Matching  
Message-ID: <F102WY9IuXZ2y2Fko8C0000083e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>>  
>I am working on this experiment a section at a time, but some  
>of you that are experts at this can double check my work and  
>there is the possibility that it needs some refinement.  
>  
>But using a digital VFO from S&S and driving a crystal in series  
>into a 50 ohm load to determine its series resonant frequency within  
>1 HZ is the main way in which I match crystals.  
>

I used to use a simpler version of this circuit as a microprocessor clock circuit, before the low-cost oscillator modules became available.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller) IRISYS Ltd: <http://www.irisys.co.uk>

---

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Fri, 20 Apr 2001 00:27:54 -0700  
From: "Dave Fifield" <ad6a@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96745] Re: KITS - NC-20 keyer help needed  
Message-ID: <001d01c0c96b\$6be61ba0\$0600a8c0@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Not quite Bob, sorry. You must be thinking of the newer TiCK chips, where you are quite correct, however the original NC20's were shipped with TiCK 1's where the 'a' has the following meaning:

'a' = Sidetone audio enable/disable - toggled by hitting one of the paddles.

I already sent Jim a copy of the docs and mods.

Cheers es 72,  
Dave Fifield, AD6A

P.S. I'd be interested to learn more about the NC-20 Linux version...

----- Original Message -----

From: "Bob Welch" <p326@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, April 19, 2001 12:10 PM  
Subject: Re: KITS - NC-20 keyer help needed

Jim,  
a=Adm mode ,which allows you to accccess various setup parameters  
k=keyer mode, if you release the pushbutton, keyer returns to normal mode  
Bob Welch

Bob Nielsen wrote:

> You might want to download the Red Hat NC-20 docs from  
> <http://www.redhotradio.com>. The RH design has a few modifications from  
> the original, but you will find the documentation useful.  
>  
(snip)

-----  
Date: Fri, 20 Apr 2001 02:59:37 -0700  
From: Rick Conners WA7ND <wa7nd@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [96746] Tuna Tin II-update  
Message-ID: <3.0.32.20010420025933.007d9940@127.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have been inundated with great information and offers from Hams to send me the parts.

Just to let you know that I think the QRP guys/gals are the nicest Hams I have ever run into.

Thanks to all of you. I appreciate your help!

73,

Rick  
WA7ND  
wa7nd@arrl.net  
ThunderPaws Ranch  
Tumalo, Oregon, USA

-----  
Date: Fri, 20 Apr 2001 06:08:13 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: n0ur@mn.mediaone.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96747] Re: QRPTTF Plans, N0UR  
Message-ID: <3.0.2.32.20010420060813.007f4180@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

According to the official reports...

-----  
QRP To The Field (CW) ...QRP Contest!!

Apr 28 - 1500z - 2400z (Pick any 6 hours)

Rules: <http://www.fix.net/norcal.html>

"2001: A Space Odyssey"

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275  
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

[TMPS] Qs/126, States/40, DX /26, 3W to HF9V, Marsh Key, Codeboy Keyer

-----  
Date: Fri, 20 Apr 2001 07:33:00 -0700  
From: John Payne <paynej1@tnni.net>  
To: qrp-1@lehigh.edu  
Subject: [96748] Re:You must stop me NOW! I need some intervention here!  
Message-ID: <SAK.2001.04.20.jiifjima@john-payne>  
MIME-Version: 1.0  
Content-Type: Text/Plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8Bit

Original message from: nilsbull@juno.com

>Fellow loonies!

>

>I got my most recent issue of SPRAT and once again on the back there's an

>advert for the FOXX-3 transceiver. Fits in an Altoids box! And it's a

>KIT! I gotta build it! Help me! Help me!

><SNIP>

There, there Nils. It'll be ok. Look! Here's the nice man to see you again.  
Just roll up your sleeve...

I laughed, I cried, I rolled on the floor. But, it's so true!! Once you get the  
"Melt-solder Fever" it seems to  
be incurable. I too think, just one more and I'll quit. Yeah, just one more  
little kit, that's all. So I order an  
AT-11 qrp from Milestone for \$89.95, and before I even start building it, out goes  
an order for a Jacson  
Harbor Press keyer.

Aaaaauuuuggghhhhhhh!!!!!!

73 de N4FLJ John

-----  
Date: Fri, 20 Apr 2001 07:38:21 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96749] RE: VE7SL's Tuna Tin WAS is Official!  
Message-ID: <LPBBJAGIPFHKPJENAKLOMEJDEGAA.n1bq@wulfdn.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: Steve/n0tu

> Sent: Friday, April 20, 2001 0:22 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: VE7SL's Tuna Tin WAS is Official!

>

>

> >Kinda makes you feel a part of this success story. I was

> >Steve's Idaho contact and I was using a TT-2 also.

> >

> >Bill - WA7TQK

>

> Yeah, me too I was listening in when Steve worked his last state!

> Sent chills thru me! And Steve's TT2 WAS adventure inspired

> me to do a lot more milliwatting. Congrates Steve! You've made

> us all proud OB!

Yeah, me three, I was #42 adding Vermont .... it was inspiring to  
realixe we were communicating S6 from coast t coast(almost) with him  
running a less than half a watt!!!! Congrats Steve!

So much so that between this trip down memory lane, and Chucks Mh101, I  
am gonna take part of the proceeds from the rigs I have up for sale and  
buy an SW30+ and set it up for milliwatting ... hey Nils .... I need  
heeeeeellllllppppppp!!!!!!

72 de Brian, n1bq

-----  
Date: Fri, 20 Apr 2001 08:10:22 -0400

From: "Phil (VA3UX)" <phil@vaxxine.com>

To: drgary@urx.com

Cc: qrp-1@Lehigh.EDU

Subject: [96750] Re: qrp ssb

Message-ID: <3.0.5.32.20010420081022.007a4230@vaxxine.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 09:13 PM 4/19/2001 -0700, you wrote:

>Fran,

>

>I used to think CW would be the most effective mode also be it rag chewing,  
>contesting, or DXing. Then I had a chance to get thru my logs as I was  
>entering them into a database. Over the last 10 years my country count is  
>at 177 - and 105 of them on SSB. For some reason my contesting scores are  
>higher on SSB.

It's hard to say whether CW is more "effective" or not from this comparison. Statistically, there are more SSB operators in the world than CW operators. There are also far more SSB-only operators than CW-only operators. Therefore your chances of catching nearly any country on SSB are far greater than they are for CW. With crowded band conditions during contests it is much easier for most of us to recognize an SSB callsign while tuning across the band than it is for CW callsigns. Consequently the DX might be there on CW but you might miss it more easily during a contest. I've been surprised at some of the semi-rare CW dx stations I've heard in contests, buried underneath the louder big guns and calling CQ with only occasional takers.

Phil

-----  
Date: Fri, 20 Apr 2001 06:18:21 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Flying Pigs" <fpqrp-1@mpna.com>, "ncarc-1" <ncarc@qth.net>  
Subject: [96751] Re: [NCARC] FS mfj tuner, MS15 kit.  
Message-ID: <0E11Rn8P5o7P6umLrXW00000bba@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

MS-15 is spoken for.

MFJ-949E is still available.

73, Rod N0RC  
Ft Collins CO

----- Original Message -----  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>; "Flying Pigs" <fpqrp-1@mpna.com>; "ncarc-1" <ncarc@qth.net>  
Sent: Thursday, April 19, 2001 10:49 PM  
Subject: [NCARC] FS mfj tuner, MS15 kit.



> MS-15 \$57 shipped CONUS (what I paid for it)  
>  
> I really wanted to build this kit, then Steve came out with the  
MS-30  
> (with I jumped one) then the power meter. XYL sez "you can't have  
> everything!", she's right you know. ;-)  
>  
>  
> MFJ-949E Tuner \$115 shipped CONUS  
>  
> 3 years old and in excellent (like new) condition, supplied with OEM  
> packaging and manual.

-----  
Date: Fri, 20 Apr 2001 05:21:46 -0700 (PDT)  
From: N1EU <n1eu@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [96752] FT-301S Question  
Message-ID: <20010420122146.9396.qmail@web205.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Could someone please tell me if the FT-301S has RIT?  
Is the knob in the upper right labeled "CLAR" Yaesu's  
version of RIT?

Any comments on the rig's general performance also  
appreciated.

Tnx/73,  
Barry N1EU

-----  
Do You Yahoo!?  
Yahoo! Auctions - buy the things you want at great prices  
<http://auctions.yahoo.com/>

-----  
Date: Fri, 20 Apr 2001 08:20:24 -0400  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: <k7qo@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96753] Re: [MH101] Crystal Matching  
Message-ID: <002401c0c994\$743a6260\$d12b3604@dbw11main>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Chuck and all,

Actually anyone that received crystals from me for the MH101 project can do this test for you.

I marked the hertz digits on my frequency counter on each crystal, and that should show the relative frequency difference between the crystals. They will not read the same frequency (naturally) but they should show the same spread.

I will build your suggested circuit and check the results against a sample of the crystals that I have remaining.  
Jim K8IQY has the initial random sample of 12 crystals that we both measured and we have been swapping spreadsheets in an attempt to reconcile our measurements made by 2 different methods - we are almost there, and will have filter design information soon.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page: <http://www.qsl.net/w3fpr/>  
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>

>

> Well, I think I found a way, but I need a double check. I have found  
> that this simple way gets within 1 Hz for matching crystals compared  
> to the other method. The frequencies are off by 130 Hz comparing the  
> two different techniques, but the relative frequencies between crystals  
> is within 1 Hz and that should do nicely for what we want.

>

> Here is all that you need. A 74LS04 or similar hex inverter IC. You only  
> need two gates of 6 out of the chip. Here is the parts list ----

>

-----  
Date: Fri, 20 Apr 2001 06:48:06 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Flying Pigs" <fpqrp-1@mpna.com>  
Subject: [96754] Re: [NCARC] FS mfj tuner, MS15 kit.  
Message-ID: <0E36ssM5sGmhZ26yJKs00000bb5@hotmail.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

MFJ-949E Tuner is spoken for.

----- Original Message -----

From: "Rod Cercone" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>; "Flying Pigs" <fpqrp-1@mpna.com>; "ncarc-1" <ncarc@qth.net>  
Sent: Thursday, April 19, 2001 10:49 PM  
Subject: [NCARC] FS mfj tuner, MS15 kit.

> MFJ-949E Tuner \$115 shipped CONUS  
>  
> 3 years old and in excellent (like new) condition, supplied with OEM  
> packaging and manual.  
>  
>

-----  
Date: Fri, 20 Apr 2001 10:22:12 EDT  
From: K5BDZ@aol.com  
To: n1eu@yahoo.com, qrp-1@lehigh.edu  
Subject: [96755] Re: FT-301S Question  
Message-ID: <b0.137e4dcd.2811a014@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 4/20/01 7:22:49 AM Central Daylight Time, n1eu@yahoo.com writes:

<< Could someone please tell me if the FT-301S has RIT?  
Is the knob in the upper right labeled "CLAR" Yaesu's  
version of RIT?

>>

Yes, the Yaesu "Clarifier" is their RIT  
Bill K5BDZ

-----  
Date: Fri, 20 Apr 2001 08:43:37 -0600  
From: William R Colbert <w5xe@juno.com>

To: qrp-1@lehigh.edu  
Subject: [96756] Re: FT-301S Question  
Message-ID: <20010420.084338.-416689.0.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Yaesu called their RIT a Clarifier on most rigs.

"The more I see of the representatives of the people,  
the more I admire my dogs." letter from Count d'Orsay  
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2  
FP# 111, SOC#78, QRP-ARCI 5784, El Paso, (FAR WEST) TEXAS

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 20 Apr 2001 10:51:33 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: epaqr-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [96757] [CONTEST] QRP Contest Calendar - Apr 21-30  
Message-ID: <3.0.6.32.20010420105133.008cf7e0@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR  
April 21-30, 2001  
~~~~~

The TARA PSK31 Rumble (Digital) ... QRP Category

Apr 21 0000z to 2400z

Rules: <http://www.qsl.net/wm2u/rumble.html>

"Get those Warblers in the show"

~~~~~  
Estonian (ES) Open HF Championship (CW/SSB) (80 & 40) ...QRP Category

Apr 21 - 0500z to 0959z

Rules: <http://www.sk3bg.se/contest/esopen.htm>

"Awards and trophies"

~~~~~  
Michigan QSO Party (CW/SSB) ...QRP Category

Apr 21 - 1600z to Apr 22 - 0400z

Rules: <http://www.qsl.net/mrrc/mqp.html>

"Celebration of Michigan Week"

~~~~~  
EA QRP Contest (CW) ...QRP Contest!!

Apr 21 - 1700z to 2000z (20 Meters)

Apr 21 - 2000z to 2300z (80 Meters)

Apr 22 - 0700z to 1300z (40 Meters)

Rules: [http://www.geocities.com/eaqrpcclub\\_es/uk/uk.html](http://www.geocities.com/eaqrpcclub_es/uk/uk.html)

"QRPP Category included"

~~~~~  
Ontario QSO Party (CW/SSB) ... QRP Category

Apr 21 - 1800z to Apr 22 - 1800x

Rules: <http://www.odxa.on.ca/oqprules.html>

"Work Ontario stations. Canada's friendliest amateur radio contest"

~~~~~  
AND LATER.....

~~~~~  
QRP To The Field (CW) ...QRP Contest!!

Apr 28 - 1500z - 2400z (Pick any 6 hours)

Rules: <http://www.fix.net/norcal.html>

"2001: A Space Odyssey"

~~~~~

Helvetia Contest (CW/SSB) (Swiss) ...QRP Category

Apr 28 - 1300z to Apr 29 - 1300z

Rules: <http://home.sol.no/~janalme/htmlrules/h26.html>

"Work Swiss Cantons"

~~~~~

Florida QSO Party (CW/Phone) ...QRP Category

Apr 28 - 1600z to Apr29 - 0159z and  
Apr 29 - 1200z to 2159z

Rules: <http://www.qsl.net/fqp/rules.htm>

"Work Florida counties"

~~~~~

Nebraska QSO Party (CW/SSB) ... QRP Category

Apr 28 - 1700z to Apr 29 - 1700z

Rules: <http://www.qsl.net/hdxa/neqso/neqso.htm>

"Work Nebraska counties. More points for QRP"

~~~~~

72 de

Ken Newman - N2CQ  
N2CQ@ARRL.NET

\*\*\*\* QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Fri, 20 Apr 2001 10:59:12 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [96758] RE: VE7SL's Tuna Tin WAS is Official!  
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16EC3@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

And I got to be the Connecticut.

Unfortunately, the editor took a bit of liberty; I think Tuna Tin 2 mania started before I brought that rig back to life; the Back to the Future project was, IMHO, the start of the revival.

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----  
From: Brian Murrey [mailto:bmurrey@amexol.net]  
Sent: Thursday, April 19, 2001 10:08 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: VE7SL's Tuna Tin WAS is Official!

Way cool!!

I was Steve's Indiana contact in the wee hours of the morning. He's a great op and the TT2 is a great rig!

72

----- Original Message -----

From: "David Bixler" <dbixler@co.seneca.k12.mo.us>  
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>  
Sent: Thursday, April 19, 2001 3:32 PM  
Subject: VE7SL's Tuna Tin WAS is Official!

```
> Hello Gang:
>
> Let's give a big round of applause to Steve VE7SL for the first WAS
> in history using a Tuna Tin 2 transmitter!
>
> Check out the official picture and story at the ARRL's web site:
>
> http://www.arrl.org/news/stories/2001/04/19/2/?nc=1
>
> Congrat's Steve, well done!
>
> 72,
>
> Dave
>
> David Bixler                                W0CH - VK2IQX
> Seneca, Missouri                            QRP-L #618
> QRP Web Site Main:  http://www.qsl.net/w0ch/
> QRP Web Site Mirror: http://showcase.netins.net/web/w0ch/
> Mailto:w0ch@arrl.net
>
> QRP: Little radios, big fun!
>
>
>
```

Date: Fri, 20 Apr 2001 11:03:57 EDT  
From: MertNellis@aol.com  
To: qrp-l@lehigh.edu  
Subject: [96759] TTF WOUFO  
Message-ID: <ea.147f92ca.2811a9dd@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi there all TTFers,  
This UFO has been looking for a landing field for the TTF event. Two weeks ago it was on snowshoes. This week only occasional snow (sneaux for Joel) banks in the shade so maybe by next week it will not be a repeat of FYB0. Two sites are currently under consideration with suitable monoliths. One is



the Hinckley, MN forest fire monument, a 50 ft granite spire commemorating the casualties of the big Hinckley forest fire and the other is an old Silo overlooking a good UFO landing field.

Whichever is ultimately chosen will resound with signals on 15, 20 and 40 meters for TTF. If these bands are all good, expect about two hours time on each band. Hope to put out many bonus points as "UFO".

Good Luck!

72 "UFO" W0UFO AKA Mert

-----  
Date: Fri, 20 Apr 2001 11:19:02 -0400

From: Ken Newman <N2CQ@citnet.com>

To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org

Subject: [96760] LAST CALL - Homebrewer Sprint Logs

Message-ID: <3.0.6.32.20010420111902.00821d60@mail.citnet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi All,

This is the last call for your entry in the "Spring QRP Homebrewer Sprint". Just send me whatever you have for a log and I'll try to come up with a score for you. Include your E-mail address in case of questions need answered. The score card will be out next week and prizes/certificates later. Thanks much for your operation and I hope you enjoyed it.

List below of entries received at this time.

AB2GO CW  
AB5XQ CW  
AD4J CW  
AE5K PSK  
AK7Y CW  
K1TS CW  
K5ZTY CW  
K7GT CW  
K7RE CW  
K8KFJ CW  
KC2AFK CW  
KG4FSN CW  
KH6U CW  
KM5VY CW  
KR4IP PSK  
N0HRL CW  
N0MCX CW  
N0OCT/8 CW

N1BQ PSK  
N3AO CW  
N3NLT CW  
N5OBC PSK  
N7CEE CW  
N9NE CW  
NA3V CW  
NU3E PSK  
VE3SMA CW  
W0PWE MIXED  
W0RSP CW  
W0UFO MIXED  
W1HUE CW  
W1PID CW  
W2AGN MIXED  
W4NJK CW  
W6ZZZ PSK  
WA5BDU CW  
WQ2RP CW  
WU0L CW

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==  
<http://www.njqrp.org/data/contesting.html>

-----  
Date: Fri, 20 Apr 2001 10:20:25 -0500  
From: "Brian Murrey" <bmmurray@amexol.net>  
To: <w1rfi@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96761] Re: VE7SL's Tuna Tin WAS is Official!  
Message-ID: <000b01c0c9ad\$6e634aa0\$a4486f40@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry Ed....it is written, no good deed shall go unpunished. <grin>

I think the Back to the Future project coupled with your enthusiasm and the fact that we all miss Doug is why this little funky transmitter is going to be perpetually popular. What next? The "TT2 Revisted Again! - An entire TT2 on ONE chip!" hehehehe

----- Original Message -----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
 Sent: Friday, April 20, 2001 9:59 AM  
 Subject: RE: VE7SL's Tuna Tin WAS is Official!

> And I got to be the Connecticut.  
 >  
 > Unfortunately, the editor took a bit of liberty; I think Tuna Tin 2 mania  
 > started before I brought that rig back to life; the Back to the Future  
 > project was, IMHO, the start of the revival.

>  
 > 73,  
 > Ed Hare, W1RFI  
 > ARRL Laboratory Supervisor  
 > 225 Main St  
 > Newington, CT 06111  
 > Tel: 860-594-0318  
 > FAX: 860-594-0259  
 > Internet: w1rfi@arrl.org  
 > ARRL Web: <http://www.arrl.org>  
 > ARRL Technical Information Service: <http://www.arrl.org/tis/>

>  
 >  
 >  
 > -----Original Message-----  
 > From: Brian Murrey [mailto:bmurrey@amexol.net]  
 > Sent: Thursday, April 19, 2001 10:08 PM  
 > To: Low Power Amateur Radio Discussion  
 > Subject: Re: VE7SL's Tuna Tin WAS is Official!

>  
 >  
 > Way cool!!  
 >  
 > I was Steve's Indiana contact in the wee hours of the morning. He's a  
 great  
 > op and the TT2 is a great rig!

>  
 > 72

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 > ----- Original Message -----  
 > From: "David Bixler" <dbixler@co.seneca.k12.mo.us>  
 > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
 > Sent: Thursday, April 19, 2001 3:32 PM

> Subject: VE7SL's Tuna Tin WAS is Official!  
>  
>  
> > Hello Gang:  
> >  
> > Let's give a big round of applause to Steve VE7SL for the first WAS  
> > in history using a Tuna Tin 2 transmitter!  
> >  
> > Check out the official picture and story at the ARRL's web site:  
> >  
> > <http://www.arrl.org/news/stories/2001/04/19/2/?nc=1>  
> >  
> > Congrat's Steve, well done!  
> >  
> > 72,  
> >  
> > Dave  
> >  
> > David Bixler W0CH - VK2IQX  
> > Seneca, Missouri QRP-L #618  
> > QRP Web Site Main: <http://www.qsl.net/w0ch/>  
> > QRP Web Site Mirror: <http://showcase.netins.net/web/w0ch/>  
> > Mailto:w0ch@arrl.net  
> >  
> > QRP: Little radios, big fun!  
> >  
> >  
> >  
>

-----  
Date: Fri, 20 Apr 2001 11:28:31 -0400  
From: ed.kwik@delphiauto.com  
To: qrp-l@Lehigh.EDU  
Subject: [96762] MI QRP Net  
Message-ID: <05256A34.0055099C.00@notes.delphiauto.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

We had a great turnout for this weeks net:

WA9PWP 569 589 WI PAUL  
W8UCB 599 599 MI BOB  
K8DNP 599 599 MI DAVE

N8UN 569 589 MI ED  
KI3R 559 599 PA TOM  
WA9YDJ 559 569 IL VANCE  
K8MEG 589 599 MI RICH  
WB8UUJ 339 349 MI TOM  
NU8S 339 559 OH DENNIS  
VE3JC 579 559 ON JOHN

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. All hams are welcome.

Ed AB8DF

-----  
Date: Fri, 20 Apr 2001 11:37:03 EDT  
From: SJWHITTON@aol.com  
To: qrp-l@lehigh.edu  
Subject: [96763] MRX-40 Receiver  
Message-ID: <f8.94a57d9.2811b19f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello, I just finished reading the article in QST about rescaling the MRX-40 receiver, (QST September 1997) to 80 meters. I would like to build the original to go with my Tuna Tin 11 on 40 meters. Unfortunately, I listened to my XYL and tossed out a whole bunch of back issues "that you will never look at again" and 1997 was in that pile. Does anyone have the article that could be scanned, I was hoping to build it this weekend. If not, I know I can get it via ARRL, but not for this weekend. Thanks.

K9IS sjwhitton@aol.com  
Steve Whitton

-----  
Date: Fri, 20 Apr 2001 12:17:30 EDT  
From: NM5Mike@aol.com  
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)  
Subject: [96764] Portable Operation From Nevada  
Message-ID: <57.14d29286.2811bb1a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

NM5M will be QRV from Nevada ( Las Vegas) on Sunday afternoon (1700 UTC until 2100 UTC, April 22) between 14059 and 14063.

I will be using a dipole antenna and a Red Hot NC20 running 5 watts.

If any others attending the NAB convention in Vegas want to join me in this mini-expedition please let me know.

73, NM5M

Eric

-----  
Date: Fri, 20 Apr 2001 12:18:58 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'Brian Murrey'" <bmmurray@amexol.net>, Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>  
Subject: [96765] RE: VE7SL's Tuna Tin WAS is Official!  
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16EC9@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Well, I know that the Back to the Future project is what prompted me to put the original back on the air again. The editor will make a very minor correction that doesn't imply that my role was more than what it was, at least for the ARRL Letter version. :-)

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Brian Murrey [mailto:bmmurray@amexol.net]  
Sent: Friday, April 20, 2001 11:20 AM  
To: w1rfi@arrl.org; Low Power Amateur Radio Discussion  
Subject: Re: VE7SL's Tuna Tin WAS is Official!

Sorry Ed....it is written, no good deed shall go unpunished. <grin>

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72

----- Original Message -----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, April 20, 2001 9:59 AM

Subject: RE: VE7SL's Tuna Tin WAS is Official!

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>

> Unfortunately, the editor took a bit of liberty; I think Tuna Tin 2 mania  
> started before I brought that rig back to life; the Back to the Future  
> project was, IMHO, the start of the revival.

>

> 73,

> Ed Hare, W1RFI

> ARRL Laboratory Supervisor

> 225 Main St

> Newington, CT 06111

> Tel: 860-594-0318

> FAX: 860-594-0259

> Internet: w1rfi@arrl.org

> ARRL Web: <http://www.arrl.org>

> ARRL Technical Information Service: <http://www.arrl.org/tis/>

>

>

>

> -----Original Message-----

> From: Brian Murrey [mailto:bmurrey@amexol.net]

> Sent: Thursday, April 19, 2001 10:08 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: VE7SL's Tuna Tin WAS is Official!

>

>

> Way cool!!

>

> I was Steve's Indiana contact in the wee hours of the morning. He's a





----- Original Message -----

From: "Chris Trask" <ctrask@qwest.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, April 19, 2001 3:47 PM

Subject: Re: Fun with Ferrites (longish)

>

> I wrote an article on this in Applied Microwaves & Wireless a couple of

> years back. Very nice for remote tuning where signal linearity is a concern.

>

> Chris

>

>

> Chuck Carpenter wrote:

>

> > FYI, folks.

> >

> > Here's a little test I did with the magnetic effects of ferrites on inductance.

> >

> > Core = FT50-43

> > L1 = 10 t #26 over about 2/3 of the core

> > L2 = 20 t #30 over about 1/3 of the core

> >

> > The turns for L1 and L2 were arbitrary

> >

> > DC supply of 5 V regulated from my LM-317 test box.

> >

> > Heathkit Resistance Substitution Box for a source of stepped resistors.

> >

> > 5 V DC was connected to L2 through the R box and the AADE L/C meter was connected to L1.

> >

> > Initial inductance of L1 was 54 uH

> >

> > >From 10 k ohms to 2.2 k ohms there was no noticeable change in the inductance of L1.

> >

> > Then things started to happen...

> >

> > 1 k L=52 uH

> > 470 ohms = 37 uH

> > 220 ohms = 18 uH

> > 100 ohms = 8 uH

> >

> > The max calculated current is about 50 mA (0.25 W). These are not  
precise  
> > values but do show some interesting possibilities.

Not an expert, but curious, because I have a potential application. Could  
the current be decreased if more turns were added to L2?

Bruce kk7zz

-----  
Date: Fri, 20 Apr 2001 12:32:51 EDT  
From: SJWHITTON@aol.com  
To: qrp-1@lehigh.edu  
Subject: [96767] MRX40 Reciver Received  
Message-ID: <98.13b265a4.2811beb3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Thanks to every one for the overwhelming response, I had hoped to get one  
maybe two replies, I have had 6 in the first 1/2 hour. It is supposed to  
rain here this weekend, now I don't care, I have "work" to do! Thank you all.  
K9IS  
Steve Whitton

-----  
Date: Fri, 20 Apr 2001 12:56:19 -0400  
From: Kenneth Hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [96768] TT2 Nite!  
Message-ID: <3AE06A33.19ABF7E@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

What's next??

How about a TT2 nite? All us "tin-heads" get on the air for a night of  
"tintinnabulation"?

73

Ken KG4FGC

-----  
Date: Mon, 7 May 2001 09:09:40 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [96769] TT2 Night  
Message-ID: <01c0d710\$1f02ce20\$330b0d0a@doug.dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I think that is a great idea, but how about a suggestion? Let's give JayBob some time to get the new TT2 kits ready so that the newbies and guys that have put it off can build and participate. Jay has all of the parts, he is waiting on the boards from FAR to start packing the kits. 72, Doug, KI6DS

-----  
Date: Fri, 20 Apr 2001 17:12:42 -0000  
From: "Delbert Long" <ad6we@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [96770] No Transmit from SMK-1?  
Message-ID: <F188DSzhxRz3s2gu59V00003ca3@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Is the SMK-1 supposed to have a sidetone?

I don't hear anything either thru headphones or another receiver, and don't get any reading on an oscilloscope. I am using a 48 ohm resistor as a dummy load.

I do hear signal from HW-8 on the SMK-1

Thanks.

Del, AD6WE

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Fri, 20 Apr 2001 10:24:01 -0700

From: "Chris Trask" <ctrask@qwest.net>  
To: "Bruce Kizerian" <kizerian@ced.utah.edu>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96771] Re: Fun with Ferrites (longish)  
Message-ID: <3AE070B1.D2742301@qwest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yes. The amount of bias flux in the core is roughly proportional to the number of turns in the control coil. I use pot cores myself as I can wind as many as 2000 turns of fine wire on the bobbin for the control, and then wind the controlled inductance on the outside, using the hold of the pot core to fashion a toroid or sorts. They work just fine that way.

Chris

Bruce Kizerian wrote:

>  
> ----- Original Message -----  
> From: "Chris Trask" <ctrask@qwest.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Thursday, April 19, 2001 3:47 PM  
> Subject: Re: Fun with Ferrites (longish)  
>  
> >  
> > I wrote an article on this in Applied Microwaves & Wireless a couple  
> of  
> > years back. Very nice for remote tuning where signal linearity is a  
> concern.  
> >  
> > Chris  
> >  
> >  
> > Chuck Carpenter wrote:  
> >  
> > > FYI, folks.  
> > >  
> > > Here's a little test I did with the magnetic effects of ferrites on  
> > > inductance.  
> > >  
> > > Core = FT50-43  
> > > L1 = 10 t #26 over about 2/3 of the core  
> > > L2 = 20 t #30 over about 1/3 of the core  
> > >



-----  
Date: Fri, 20 Apr 2001 13:40:14 EDT  
From: RangerSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [96772] (no subject)  
Message-ID: <62.de79299.2811ce7e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Giant sunspot 9393 -- the source of the biggest solar flare ever recorded and several geomagnetic storms earlier this month-- disappeared two weeks ago when it rotated around the Sun's western limb. Now, after two weeks crossing the back side of our star, 9393 is back. At its peak on March 28th the active region covered an area equal to fourteen planet Earths. How big is it now? Scientists will find out as it rotates into direct view during the days ahead.

Image of sunspot 9393:

<http://www.spaceweather.com/images2001/19apr01/9393.gif>

Animation:

[http://www.spaceweather.com/images2001/03apr01/9393\\_strip\\_med.gif](http://www.spaceweather.com/images2001/03apr01/9393_strip_med.gif)  
-----

### "Lyrids to Light the Weekend Sky"

The Lyrids are one of the oldest meteor showers with activity recorded at far back as 2500 years ago. This meteor shower is produced by debris from comet Thatcher that was last seen in 1861. With a period in excess of 400 years this comet will not return to the inner solar system for quite some time! Strangely, the Lyrid activity is not solely dependent on the return of the parent comet. There have been outbursts in activity when the comet was located far in the outer realms of the solar system.

Major outbursts have been recorded in 1803, 1922, and 1982. Many minor outbursts have also been recorded sporadically throughout the years. In 2001 the Lyrids will be most active on the Sunday morning April 22. What may we expect to see this year? With the moon near new there will be no lunar interference this year. Under these conditions and watching from a rural site with little terrestrial light pollution one may expect to see 10-15 Lyrid meteors per hour during the early morning hours on April 22.

Lyrid activity can also be seen late Saturday evening and also on Saturday and Monday mornings but at a reduced rate. The best time to see Lyrid activity would be the last dark hour before dawn Sunday morning when the Lyrid radiant lies overhead for those viewing from mid northern latitudes.

The Lyrids are also visible from locations down to 30 degrees south latitude where the radiant barely rises over the northern horizon. As one travels southward less Lyrid activity is visible as the Lyrid radiant sinks toward the northern horizon. Probably only 1 Lyrid meteor per hour is visible at maximum activity as seen from 30 degrees south latitude.

-----  
"Solar Forecasters on Full Alert"

The Sun has a mean side. Space weather churned out by old Sol can be wicked and worrisome, not only here on Earth but also for civilian and military satellite operators.

Currently in the midst of an active solar storm period, Earth has recently been on the receiving end of energetic particles heaved out by the Sun. These powerful punches can whip up aurorae, increase radiation levels and stir up geomagnetic storms that disrupt telecommunications here on Earth.

Full article:

[http://dailynews.yahoo.com/h/space/20010418/sc/solar\\_forecasters\\_on\\_full\\_alert\\_1.html](http://dailynews.yahoo.com/h/space/20010418/sc/solar_forecasters_on_full_alert_1.html)

//end//

-----  
Date: Fri, 20 Apr 2001 10:45:40 +0000  
From: flyer@value.net  
To: qrp-1@lehigh.edu  
Subject: [96773] FS RedHot 20--unbuilt  
Message-ID: <200104201744.KAA63407@value.net>

I have decided to buy a K1, so I have an unbuilt RedHot 20 with the old style case for sale. I am asking \$130 including shipping to anywhere in the 48 states. If you happen to live in Calif, with its 8+ % sales tax, that is a great deal. Present price from RedHot is \$150 plus tax and shipping.

I will want a money order for \$130, otherwise I will delay shipping for about ten days on a personal check.

I will consider personal delivery to some places in the San Francisco Bay Area.

Mark Smith W7MTP Pleasanton, CA

-----

Date: Fri, 20 Apr 2001 12:48:16 -0500  
From: "Brian Murrey" <bmmurray@amexol.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96774] Re: TT2 Night  
Message-ID: <000f01c0c9c2\$14c88d60\$f1372bd1@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Excellent idea! We can have a TT2 test or something.

BTW...I need to build a TT2 myself and was wondering what everyone is using for RX?

72

=====  
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57  
=====

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, May 07, 2001 11:09 AM  
Subject: TT2 Night

> I think that is a great idea, but how about a suggestion? Let's give  
> JayBob some time to get the new TT2 kits ready so that the newbies and  
guys  
> that have put it off can build and participate. Jay has all of the  
parts,  
> he is waiting on the boards from FAR to start packing the kits. 72,  
Doug,  
> KI6DS  
>  
>

-----  
Date: Fri, 20 Apr 2001 07:15:05 +0530  
From: "TRI" <vu2tri@yahoo.com>  
To: <Jerry.Lofstead@itb.mckhboc.com>, "Low Power Amateur Radio Discussion" <qrp-



l@Lehigh.EDU>  
Subject: [96775] Re: HELP for IC KA 2141  
Message-ID: <001a01c0c9c3\$f88d7640\$b930003d@t0k9l4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dear friends,  
I need ur help.  
My color monitor Samsung model 4Bi is now QRT due to a IC KA2141(SEC E751)  
. It is a 20 pin IC.  
Can anybody tell me its subsitute ? It is vedio application IC.  
73s  
De Anil VU2TRI

-----  
Date: Fri, 20 Apr 2001 14:58:00 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: bmurrey@amexol.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [96776] Re: TT2 Night  
Message-ID: <3AE086B8.63DD2791@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gentlemen,

For all you nerwbies, there was a TT2 event held the year before last. Ed Hare of ARRL Headquarters coordinated it. We had three TT2's on the air operating on 40, 30, and 20. There was some discussion of doing it again, but nothing was ever resolved. Maybe Ed would like to do it again?

73

-----

Date: Fri, 20 Apr 2001 15:12:51 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [96777] Re: TT2 Night  
Message-ID: <3AE08A33.AB073022@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

One other point, while I am in favor of letting JayBob get his act on stage, there are lots of TT2's already in use courtesy of NJQRP!

73

-----  
Date: Fri, 20 Apr 2001 12:49:37 -0700  
From: "Arthur G. Silvers" <ags@ieee.org>  
To: Jerry.Lofstead@itb.mckhboc.com, qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [96778] Re: long wire antennas  
Message-ID: <3AE092D1.1D2061D1@ieee.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jerry,

Guess I answered my own question: If you voltage end-feed the long-wire then a balanced feed at the transmitter/tuner would work better than an unbalanced feed. If current end-feeding the antenna then an unbalance feed at the transmitter/tuner is appropriate.

I want to set up a wire antenna on our mountain lot and keep concluding that an oversized dipole fed with 300 ohm balanced line will work best for one antenna mutiband use.

Of course, this will need to be invisible as even remote areas have CCCCCCs&RRRRRRRRs. Common, Gray, give us a break!

73  
Arth W6AGS  
<http://www.qsl.net/w6ags>

"Arthur G. Silvers" wrote:

> Jerry,

>  
> Sounds like a good solution for a hillside qth. Just wondering if  
> you feed the 300 ohm line in a balanced or unbalanced manner.  
>  
> 73  
> Arth W6AGS

-----  
Date: Fri, 20 Apr 2001 16:28:55 -0400  
From: Rick Robinson <rerobins@email.uncc.edu>  
To: bmurrey@amexol.net  
Cc: qrp-l@lehigh.edu  
Subject: [96779] Re: TT2 Night  
Message-ID: <v03102801b706493f3adb@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Brien, KB9BVN, writes;

>BTW...I need to build a TT2 myself and was wondering what everyone is using  
>for RX?

I crank up my old Drake 2B when I put my TT2 on the air. It's a good  
excuse to warm up the old receiver and keep it glowing.

The 2B is 36 years old, I've owned it 16 of them, and it's a real classic,  
just like the TT2.

72,

Rick kf4ar

-----  
Date: Fri, 20 Apr 2001 16:36:40 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [96780] K0EVZ TTF  
Message-ID: <200104201636\_MC2-CD3E-AC2F@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1

Content-Disposition: inline

Gang:

I have herd that TTF is a'coming soon, and I believe we should milk this  
outing for all it's worth. I plan to set up next to "Susie", the world'=  
s  
largest Jersey cow. I can honestly say that Susie is the cream de la cre=  
me  
in monolithic structures. Just being near Susie is a mooving experience.=  
=

She stands a whoppin' 37 foot tall. And get this--you can see her for 15=  
miles when conditions are right. This is no bull (it behooves the writer=  
to get the facts straight). I hope we all have a good time trying to wor=  
k  
each udder, and not horn in on each other's operating QRG's. =

72,  
--Doc/K0EVZ

-----  
Date: Fri, 20 Apr 2001 15:00:10 -0600  
From: William R Colbert <w5xe@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [96781] RE: QQ & Ponies  
Message-ID: <20010420.150011.-416689.2.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Well, the little armie must have rolled itself up in a ball and  
rolled into the Rio - end of the week and it is still lost.

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 20 Apr 2001 16:57:57 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'w6toy@erols.com'" <w6toy@erols.com>, Low Power Amateur Radio Discussion

<qrp-1@Lehigh.EDU>  
Subject: [96782] RE: TT2 Night  
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16EDF@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi, Bruce,

Well, this one looks like a lot of fun, too. Seeing as it appears to be a grass-roots effort, I think the best thing I could do for "the cause" would be to support and participate in what the guys come up with. Unfortunately, my last Halloween got to be a bit busy, so I was not able to repeat the Black Cat.

73,  
Ed Hare, W1RFI

-----Original Message-----  
From: Bruce Muscolino [mailto:w6toy@erols.com]  
Sent: Friday, April 20, 2001 2:58 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: TT2 Night

Gentlemen,

For all you nerwbies, there was a TT2 event held the year before last. Ed Hare of ARRL Headquarters coordinated it. We had three TT2's on the air operating on 40, 30, and 20. There was some discussion of doing it again, but nothing was ever resolved. Maybe Ed would like to do it again?

73

-----  
Date: Fri, 20 Apr 2001 13:57:30 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "QRP-1 Forum (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [96783] MRX-40 Receiver for 30 Meters..  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76E76@hq-expo2.filenet.com>

Now that the MRX 40 has been scaled to 80 meters by QST, has anyone thought of scaling it to 30 meters?

I am wondering if it would be as simple as swapping a NorCal 10.114 xtal in

and multiplying the values for C1, C2, L1, and L2 by 0.69 (7.040/10.114)?

Also, anyone have a URL for the PDF version of the NE602/SA612 spec sheet?

Thanks in advance..

W. H. Phinizy, K6WHP  
Principal Engineer  
FileNET Corporation

-----  
Date: Fri, 20 Apr 2001 16:29:08 -0500  
From: "Gary Lee Phillips" <ka9nzi@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [96784] Re: long wire antennas  
Message-ID: <200104202129.RAA13410@barry.mail.mindspring.net>

Long wires do work, but can be more persnickety to play with than dipoles or other common wire antennas. The RF ground has always been the hardest thing for me to get right.

I presently have a more or less standard G5RV at about 50 feet up and a 130 foot end fed wire lower down, 20-25 feet. I have worked Europe consistently using both, with just 3 or 4 watts output. The G5RV produces consistent reports and good reception on all HF bands, though, while the end fed wire is good on 7 and 21 MHz and not as good elsewhere. On 28 MHz the end fed is at its "longest" in terms of wavelengths, but perhaps as a result of impedance in my ground system, generates enough RF feedback to make it unusable at low power. If I crank the output up to 20 watts, that seems to overcome the ground impedance and then I get better results. Most recently I've turned to using the long wire as a dedicated receiving antenna while the transmitter uses the G5RV.

If you (like me) are willing to "experiment" on field day, go ahead and try the long wire. I'd suggest having several alternative ground systems to try, including some sort of counterpoise. On the other hand, if you are a "competitor" who will be heartbroken if your FD score isn't high, probably a dipole or G5RV would be a safer choice.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----

Date: Fri, 20 Apr 2001 15:44:05 -0600  
From: "Francis Callahan" <colcal@srv.net>  
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96785] Re: TT2 Night  
Message-ID: <002301c0c9e3\$06d42720\$7bde070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

count me in for a TT2 night . Havent used idt for a while but can mate it to my 706. 72 Cal KF7ET misplaced Vermonter in Idaho

----- Original Message -----

From: "Rick Robinson" <rerobins@email.uncc.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, April 20, 2001 2:28 PM  
Subject: Re: TT2 Night

> Brien, KB9BVN, writes;  
>  
> >BTW...I need to build a TT2 myself and was wondering what everyone is using  
> >for RX?  
>  
> I crank up my old Drake 2B when I put my TT2 on the air. It's a good  
> excuse to warm up the old receiver and keep it glowing.  
>  
> The 2B is 36 years old, I've owned it 16 of them, and it's a real classic,  
> just like the TT2.  
>  
> 72,  
>  
> Rick kf4ar  
>  
>

-----

Date: Fri, 20 Apr 2001 14:53:39 -0700  
From: "Bob Hightower" <nk7m@extremezone.com>  
To: <w6toy@erols.com>  
Cc: "qrp list" <qrp-1@lehigh.edu>  
Subject: [96786] Re: TT2 Night  
Message-ID: <004301c0c9e4\$5db45640\$f7127d3f@de11>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

And, the Az ScQRPions! There were 100 of them given away last year at Tuthill.

Bob NK7M

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, April 20, 2001 12:12 PM  
Subject: Re: TT2 Night

> One other point, while I am in favor of letting JayBob get his act on  
stage, there  
> are lots of TT2's already in use courtesy of NJQRP!  
>  
> 73  
>

-----  
Date: Fri, 20 Apr 2001 18:08:17 -0400  
From: "w8diz" <w8diz@fpqrp.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96787] Toroid Question  
Message-ID: <009501c0c9e6\$67b30360\$7ecd1b41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Can someone on "the" list tell me who owns to part number series FTxx-xx as is FT50-43? I know that the company "FairRite" uses a different numbering sequence. MicroMetals does not make ferrite products. Is there another company that uses the "FT" series of toroid parts?

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]



-----  
Date: Fri, 20 Apr 2001 22:55:00 +0100  
From: "TC Dufresne" <tdufres@radiks.net>  
To: <w8diz@fpqrp.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96788] Re: Toroid Question  
Message-ID: <000e01c0c9e4\$8d265540\$0501a8c0@computer1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Ocean State Electronics uses this way of id'ing their torroids.  
[http://www.oselectronics.com/ose\\_p50.htm](http://www.oselectronics.com/ose_p50.htm)  
God company, say hello to Frank for me!  
Tom  
KC0GXX

----- Original Message -----

From: "w8diz" <w8diz@fpqrp.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, April 20, 2001 23:08 PM  
Subject: Toroid Question

> Can someone on "the" list tell me who owns to part number series  
> FTxx-xx as is FT50-43? I know that the company "FairRite" uses  
> a different numbering sequence. MicroMetals does not make ferrite  
> products. Is there another company that uses the "FT" series of  
> toroid parts?  
>  
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
> FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]  
>  
>

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End of QRP-L Digest 2165

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